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8831	9	1037	"Easier expertise". <i>Travis, L.E.</i> (Managing prototype knowledge/expert system projects, May 1988, pp. 534-541).
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8831	9	1038	"Political opinions". <i>Chandler, G.D.</i> , <i>Belmont, P.</i> , <i>Nessett, D.</i> , <i>Matley, B.G.</i> , <i>Hines, N.</i> , <i>Ng, C.</i> (President's letter, June 1988, p. 636) and "Response from past president", <i>Abrahams, P.</i>
8831	9	1043	"Historical comments". <i>Kennedy, J.R.</i> , <i>Ross, D.E.</i> , <i>Holmes, W.</i> , <i>Flachsbart, B.</i> , <i>Steele, G.L.</i> (Forum, April 1988) and "Response from Eric Weiss", <i>Weiss, E.</i>
8831	10	1171	"Graphic agreement". <i>Hill, R.</i> (Graphics and management decision making research-based guidelines, Jarvenpaa, S.L., Dickson, G.W., June 1988, pp. 764-74).

8831	10	1171	"What is a hacker?", <i>Abrahams, P.</i> (Stalking the wily hacker, May 1988, pp. 484-97).
8831	10	1171	"Feasibility of generality in artificial intelligence", <i>Jayarajna, N.</i> (Generality in artificial intelligence, December 1987, pp. 1030-35).
8831	12	1373	"Confounded meaning", <i>Weisert, C.</i> (Managing prototype knowledge/expert system projects, May 1988, p. 535).
8831	12	1373	"A degree of charged emphasis", <i>Carino, F.</i> (The 1986-87 Taulbee Survey, Aug. 1988, pp. 984-99).
8831	12	1373	"How hard the hardware?", <i>Wahlman, J.</i> (Unbuggability and cognitive science, April 1988, pp. 402-12).
8831	12	1373	"Neglected work", <i>Lehmann, F.</i> (On visual formalisms, May 1988, pp. 514-30).

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8831	5	532	REEVALUATING AMDAHL'S LAW, <i>Gustafson, J.L.</i>
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8831	12	1502	THE IMPORTANCE OF LABORATORY EXPERIMENTATION IN INFORMATION SYSTEMS RESEARCH, <i>Jarvenpaa, S.</i>

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ACM CONFERENCE PROCEEDINGS

1987

6th PODC—Symposium on Principles of Distributed Computing
Vancouver, B.C., August 10-12, 1987. Sponsored by ACM SIGACT and ACM SIGOPS. ISBN: 0-89791-239-X. Order No. 536870. ACM SIGACT/SIGOPS Members: \$18.00; Others: \$24.00.

SIGMOD '87—International Conference on Management of Data
San Francisco, CA, May 27-29, 1987. Sponsored by ACM SIGMOD. ISBN: 0-89791-236-5. Order No. 472870. ACM/SIGMOD Members: \$27.00; Others: \$36.00.

3rd Symposium on Computational Geometry
Waterloo, Ontario, June 8-10, 1987. Sponsored by ACM SIGACT and SIGGRAPH. ISBN: 0-89791-231-4. Order No. 429870. ACM/SIGGRAPH/SIGACT Members: \$20.00; Others: \$27.00.

1987 International Conference on Artificial Intelligence and Law
Boston, MA, May 27-29, 1987. Sponsored by Northeastern University and ACM SIGART. ISBN: 0-89791-230-6. Order No. 604870. ACM SIGART Members: \$16.00; Others: \$21.00.

SIGPLAN '87—Symposium on Interpreters and Interpretive Techniques

St. Paul, MN, June 24-26, 1987. Sponsored by ACM SIGPLAN. ISBN: 0-89791-235-7. Order No. 548870. ACM/SIGPLAN Members: \$17.00; Others: \$23.00.

14th International Symposium on Computer Architecture

Pittsburgh, PA, June 3-6, 1987. Sponsored by ACM SIGARCH and IEEE-CS. ISBN: 0-89791-223-0. Order No. 415870. ACM/SIGARCH/IEEE-CS Members: \$35.00; Others: \$70.00.

24th DAC—Design Automation Conference

Miami, FL, June 28-July 1, 1987. Sponsored by ACM SIGDA and IEEE-CS. ISBN: 0-89791-234-9. Order No. 477870. ACM SIGDA/IEEE-CS Members: \$47.00; Others: \$94.00.

Conference on the History of Scientific and Numeric Computation

Princeton, NJ, May 13-15, 1987. Sponsored by ACM Allegheny Region in cooperation with ACM SIGNUM and SIAM. ISBN: 0-89791-229-2. Order No. 701870. ACM Members: \$11.00; Others: \$15.00.

10th SIGIR—International Conference on Research & Development in Information Retrieval

New Orleans, LA, June 3-5, 1987. Sponsored by ACM SIGIR. ISBN: 0-89791-232-2. Order No. 606870. ACM/SIGIR Members: \$19.00; Others: \$25.00.